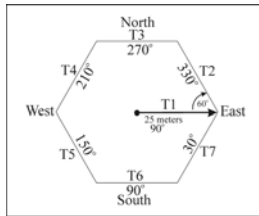


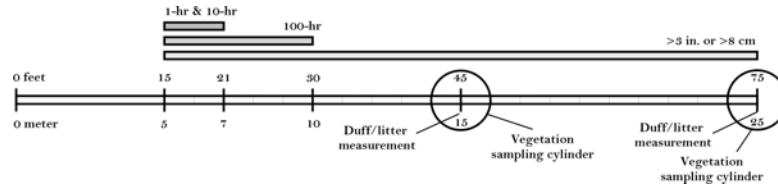


## FIREMON FL Cheat Sheet

### Plot layout



### Sampling plane layout



### Cover Classes

Class	Cover
Code	Canopy cover
0	Zero percent canopy cover
0.5	>0-1 percent of canopy cover
3	>1-5 percent canopy cover
10	>5-15 percent canopy cover
20	>15-25 percent canopy cover
30	>25-35 percent canopy cover
40	>35-45 percent canopy cover
50	>45-55 percent canopy cover
60	>55-65 percent canopy cover
70	>65-75 percent canopy cover
80	>75-85 percent canopy cover

### Piece Sizes

Dead Woody Class		Piece Diameter (in.)	
DWD	FWD	1-hr	0 to 0.25
		10-hr	0.25 to 1.0
		100-hr	1.0 to 3.0
	CWD	1000-hr and greater	3.0 and greater

### CWD Decay Class

Decay Class	Description
1	All bark is intact. All but the smallest twigs are present. Old needles probably still present. Hard when kicked
2	Some bark is missing, as are many of the smaller branches. No old needles still on branches. Hard when kicked
3	Most of the bark is missing and most of the branches less than 1 in. in diameter also missing. Still hard when kicked
4	Looks like a class 3 log but the sapwood is rotten. Sounds hollow when kicked and you can probably remove wood from the outside with your boot. Pronounced sagging if suspended for even moderate distances.
5	Entire log is in contact with the ground. Easy to kick apart but most of the piece is above the general level of the adjacent ground. If the central axis of the piece lies in or below the duff layer then it should not be included in the CWD sampling as these pieces act more like duff than wood when burned.

### Task list

Task	Crew member - task number		
	Recorder	Sampler 1	Sampler 2
Organize materials	1		
Layout tape		1 (guider)	1 (guidee)
Measure slope	2 (record data)	2	2
Count FWD	3 (record data)	3	
Measure duff/litter and veg. at 75-foot mark	4 (record data)		3
Measure CWD	5 (record data)		4
Measure duff/litter and veg. at 45-foot mark	6 (record data)	4	
Check for complete forms	7		
Collect equipment		5	5

### Precision

Component	Standard
Slope	±5 percent
FWD	±3 percent
CWD diameter	±0.5 in./1 cm
CWD decay class	±1 class
Duff/litter depth	±0.1 in./0.2 cm
Percent litter estimation	±10 percent
Vegetation cover estimation	±1 class
Vegetation height estimation	±0.5 ft/0.2 m